



# SpaceX Falcon 9 to Illuminate the Space Coast Sky on Friday Night

## Description

SpaceX is gearing up for another launch of Starlink satellites, with a target liftoff time of 8:32 p.m. on Friday evening from Cape Canaveral Space Launch Complex 40 (SLC-40). In case of any delays, backup opportunities are available until 11:30 p.m. The Falcon 9 rocket will follow a southeast trajectory and after about eight and a half minutes into flight, it will land on a droneship in the Atlantic Ocean. This launch marks the 21st flight for the booster, known for its role in the Inspiration4 and Axiom-1 missions.

According to astrophysicist Jonathan McDowell, SpaceX currently has 5,941 functioning Starlink satellites in orbit, with plans to launch more in the upcoming mission. Amazon's Project Kuiper, aimed at providing satellite internet services, is also making progress with plans to launch satellites later this year. Amazon has secured over 80 launches and aims to have half of the constellation in orbit by July 2026.

Both SpaceX and Amazon are working towards delivering fast and affordable internet services to underserved areas on Earth. Amazon has enlisted various companies including ULA, Arianespace, and SpaceX to assist in launching their satellites. For more space news, visit [floridatoday.com/space](http://floridatoday.com/space).

Brooke Edwards, Space Reporter for Florida Today, can be contacted at [bedwards@floridatoday.com](mailto:bedwards@floridatoday.com) or on Twitter at [@brookeofstars](https://twitter.com/brookeofstars).

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## Vocabulary List:

1. **Gearing up** // (phrasal verb): Preparing or getting ready for something.
2. **Liftoff** // (noun): The instance of a rocket or spacecraft leaving the ground.
3. **Trajectory** // (noun): The curved path that an object follows through space.
4. **Droneship** // (noun): A ship designed to automatically position itself to catch a returning rocket.
5. **Constellation** // (noun): A group of satellites or spacecraft working together in orbit.
6. **Enlisted** // (verb): To secure the support or help of someone.

## Vocabulary quizzes

### Multiple Choice ( Select the Correct answer for each question. )

1. What is a temporary dark and relatively cool region on the Sun?  
Option: Aurora  
Option: Collide  
Option: Ionized  
Option: Sunspot
2. What process causes an atom or molecule to absorb energy?  
Option: AI  
Option: Keynote  
Option: Excitation  
Option: Gemini
3. What positive emotion is characterized by eagerness and excitement?  
Option: Integration  
Option: Gearing up  
Option: Enthusiasm  
Option: Retreat
4. What word describes the process of something becoming progressively worse?  
Option: Collapse  
Option: Accelerated  
Option: Deterioration  
Option: Collapse



5. What is the underlying assumption or proposition in a logical argument?

- Option: Penetrate
- Option: Advertising
- Option: Premise
- Option: Defacement

6. What term refers to someone who has joined the armed forces?

- Option: Unveiling
- Option: Enlisted
- Option: Collapse
- Option: Instability

7. What do you call a group of stars forming a recognizable pattern?

- Option: Droneship
- Option: Collapse
- Option: Constellation
- Option: Trajectory

8. What path does an object in motion follow through space?

- Option: Trajectory
- Option: Gemini
- Option: Excitation
- Option: Aurora

9. What is the sudden failure or breakdown of something?

- Option: Liftoff
- Option: Collapse
- Option: Premise
- Option: Integration

10. What term describes an increase in the rate or speed of something?

- Option: Accelerated
- Option: Retreat
- Option: Unveiling
- Option: Sunspot

**Gap-Fill ( Fill in the blanks with the correct word from the vocabulary list. )**

11. Electrically charged particles are known as \_\_\_\_\_.

12. The \_\_\_\_\_ of the new product generated a lot of interest.



13. The zodiac sign \_\_\_\_\_ is represented by twins.
14. The moment of \_\_\_\_\_ marked the beginning of the rocket's journey.
15. The political situation in the region is characterized by \_\_\_\_\_ and uncertainty.
16. The soldiers had to \_\_\_\_\_ due to the approaching enemy forces.
17. The \_\_\_\_\_ of various departments into a single unit increased efficiency.
18. The company invested heavily in \_\_\_\_\_ to promote its new product.
19. The CEO delivered the \_\_\_\_\_ address at the conference.
20. The \_\_\_\_\_ of the building shocked the community.

**Matching Sentences ( Match each definition to the correct word from the vocabulary list. )**

21. In the lab the scientists induced in the atoms to observe their behavior.
22. The two cars are on a collision course and are expected to at the intersection.
23. or artificial intelligence is being incorporated into many aspects of technology.
24. Their for the project inspired others to join and contribute.
25. The SpaceX rocket successfully landed on the in the ocean.
26. The new marketing strategy aims to new markets and increase sales.
27. He in the military to serve his country.
28. The scientist calculated the of the comet through the solar system.
29. The discovery of ancient artifacts was a that shed light on history.
30. The plot of the movie was full of twists and turns creating an aura of .

**Answer**

**Multiple Choice:** 1. Sunspot 2. Excitation 3. Enthusiasm 4. Deterioration 5. Premise 6. Enlisted 7. Constellation



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8. Trajectory 9. Collapse 10. Accelerated

**Gap-Fill:** 11. Ionized 12. Unveiling 13. Gemini 14. Liftoff 15. Instability 16. Retreat 17. Integration 18. Advertising 19. Keynote 20. Collapse

**Matching sentence:** 1. Excitation 2. Collide 3. AI 4. Enthusiasm 5. Droneship 6. Penetrate 7. Enlisted 8. Trajectory 9. Revelation 10. Intrigue

## CATEGORY

1. Sci/Tech - LEVEL5

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